

CASE STUDY #1

Packer Isolation Test



PACKER ISOLATION TEST CASE #1
 Case 1: Casing pressure is greater than 1400 kPa upon arrival

Company Golden Company Ltd.
 Field Name Black Gold
 Well Location 100/00-00-000-00 WOM/00
 Date xxxx-08-27

Pressure Truck Company Pressure Company
 Logger serial # P704
 H2S Content NIL
 Pass or Fail Pass

Casing Pressure (kPa) = 3721 Tubing Pressure (kPa) = 952 Well Type (see note A) = 1

Bled pressure to 0.0 kPa and recovered 79.0 litres of diesel.

Let well stabilize at 0.0 kPa for 15 minutes. (minimum of 5 minutes)

Started a 24 hour pressure build up on xxxx-08-27 at 10:13:00 (date & time) (See Graph)

Initial pressure at start of build up was 0 kPa.

Finished a 24 hour pressure build up on xxxx-08-28 at 10:54:40 (date & time) (See Graph)

Final Pressure was 24.0 kPa. (less than 3% is a pass)

Comments _____

Please Note: All class 1 & 2 wells must be pressure tested to 1400 kPa **EXCEPT** class 1A disposal wells which must be pressured up to 7000 kPa.

NOTE A Well Type		NOTE B Fluid Recovery Type		
1. WATER INJECTION/DISPOSAL (OPERATING)	4. H2S > 5% (SHUT-IN SUSPENDED)	1. GAS (SWEET)	4. WATER (FRESH)	8. OTHER (SPECIFY)
2. WATER INJECTION/DISPOSAL (SHUT-IN/SUSPENDED)	5. GAS INJECTION	2. GAS (SOUR)	5. WATER (SALT)	
3. H2S > 5% (PRODUCING)	6. OTHER (SPECIFY)	3. OIL	7. INHIBITED WATER	

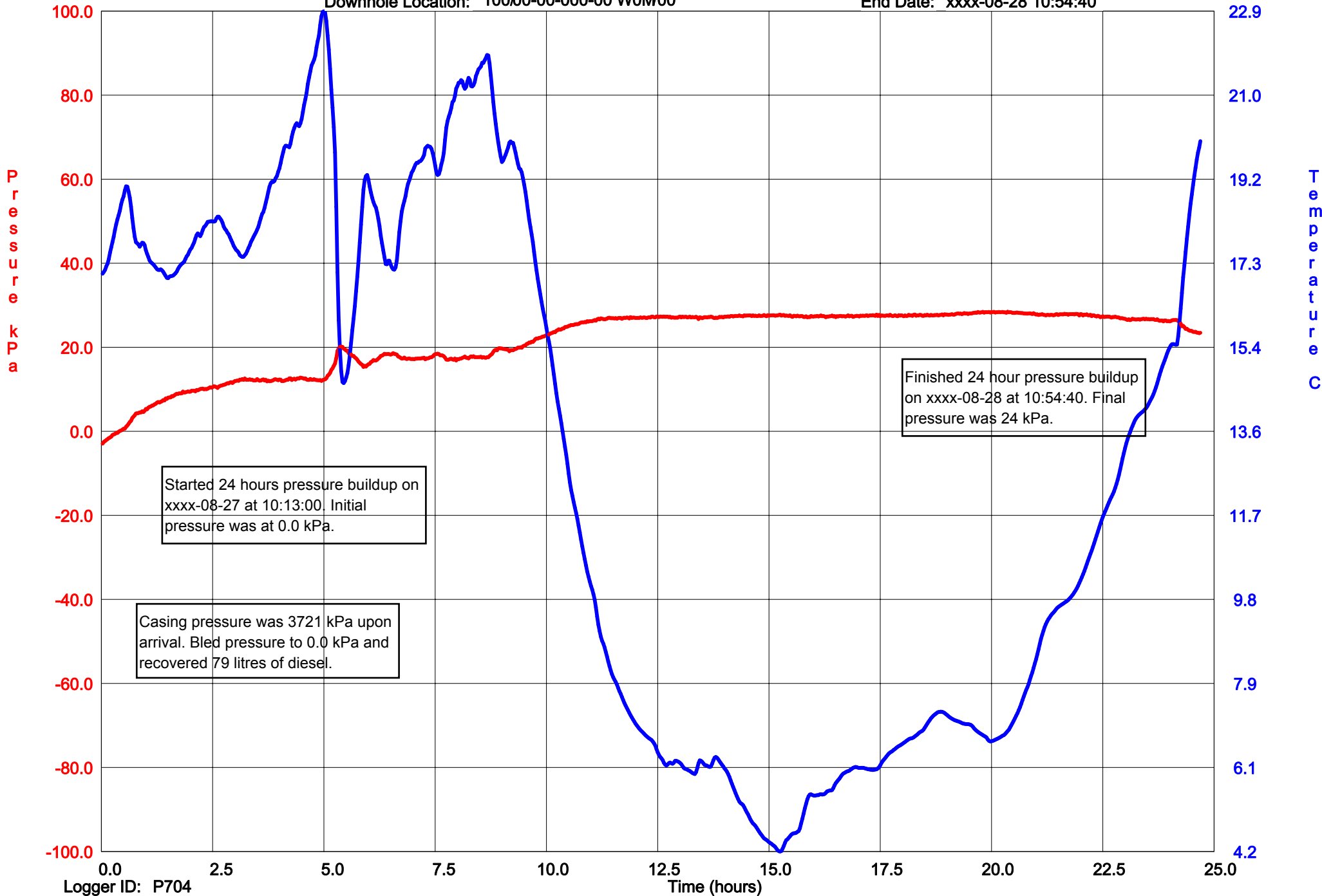


Pressure Plot

Company: Golden Company Ltd.
Field: PIT - BU

Surface Location: 00-00-000-00 W0M
Downhole Location: 10000-00-000-00 W0M00

Start Date: xxxx-08-27 10:13:00
End Date: xxxx-08-28 10:54:40



CASE STUDY #2

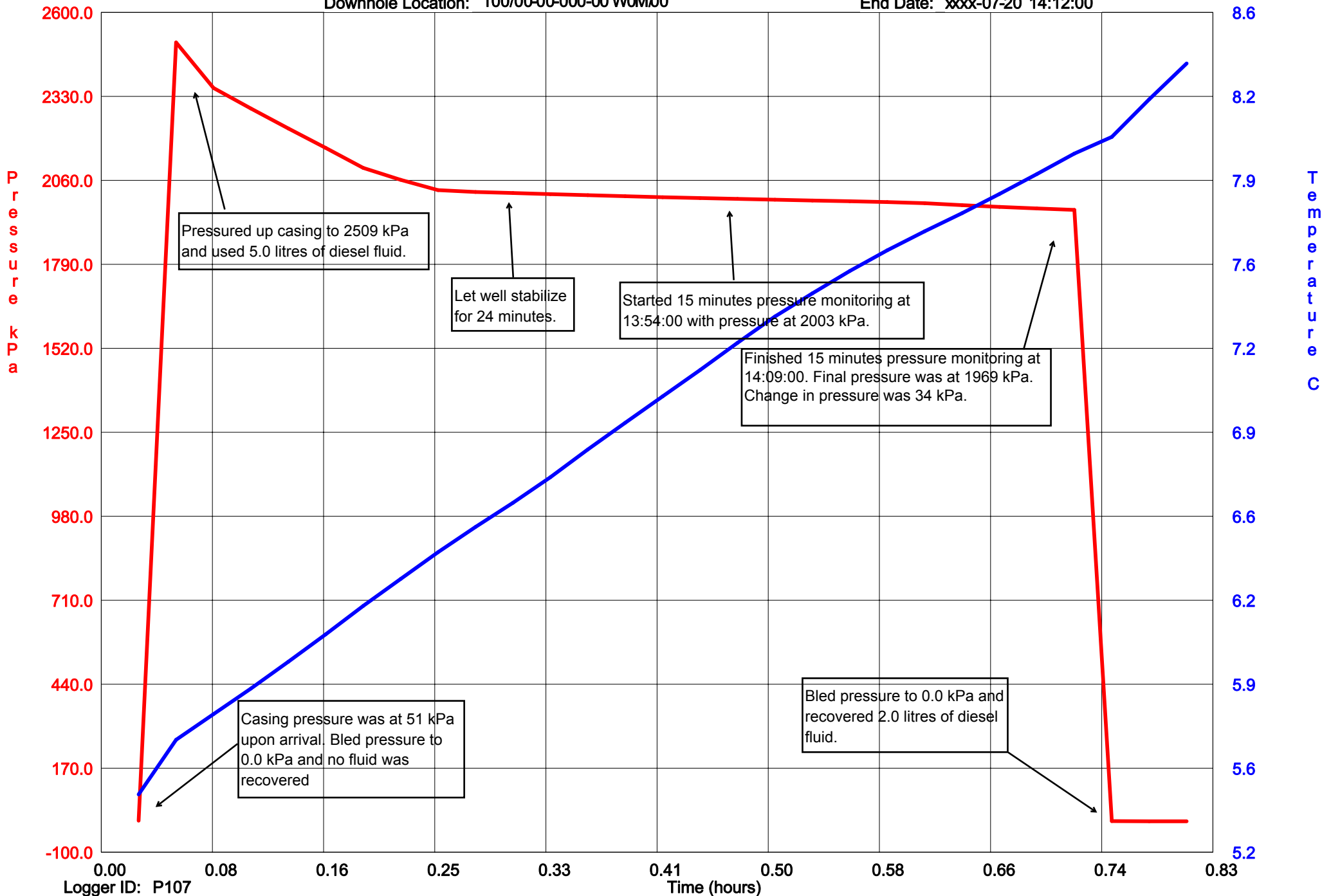
Packer Isolation Test

Pressure Plot

Company: Golden Company Ltd.
 Field: Packer Isolation Test (graph #1)

Surface Location: 00-00-000-00 WOM
 Downhole Location: 100/00-00-000-00 WOM00

Start Date: xxxx-07-20 13:22:30
 End Date: xxxx-07-20 14:12:00

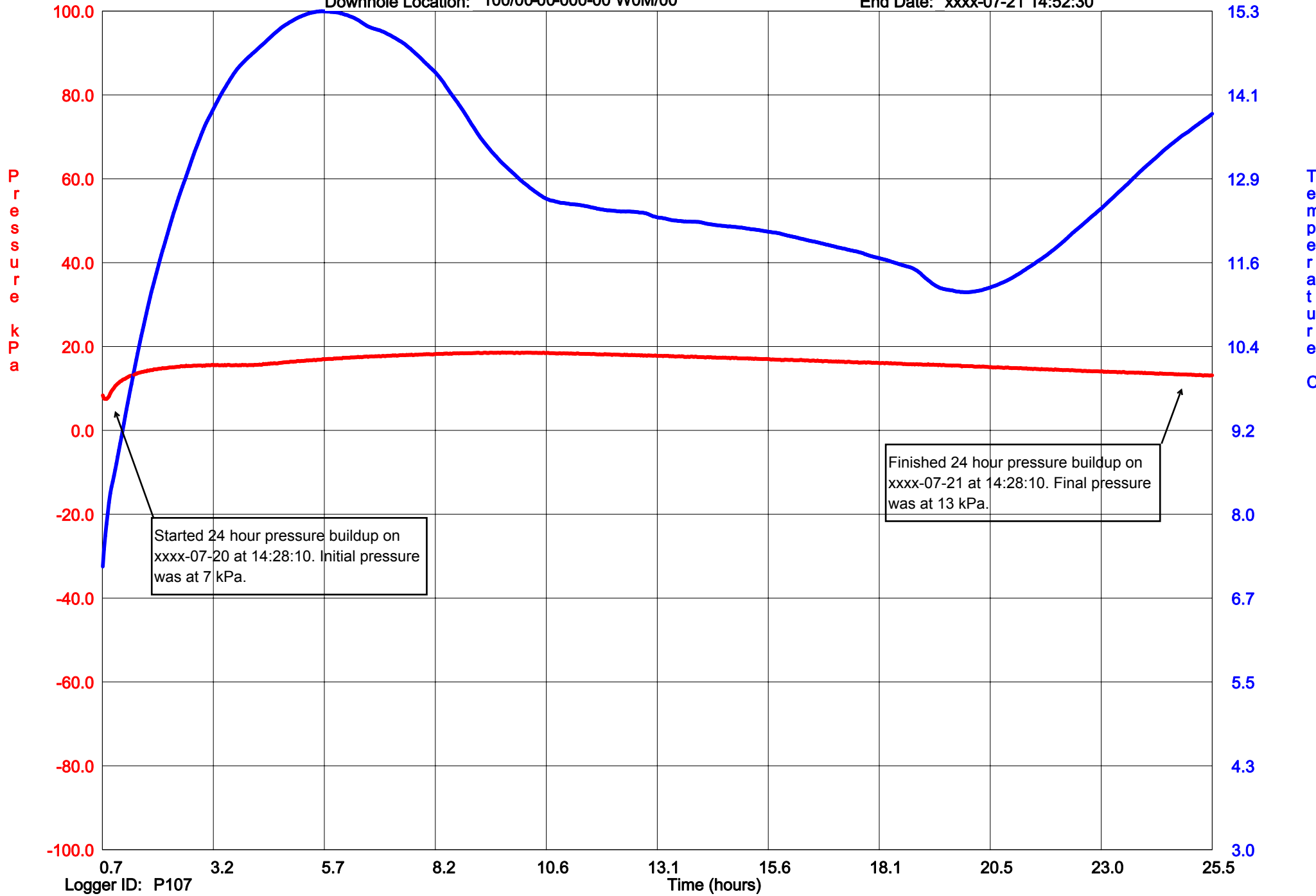


Pressure Plot

Company: Golden Company Ltd.
 Field: Packer Isolation Test (graph #2)

Surface Location: 00-00-000-00 WOM
 Downhole Location: 100/00-00-000-00 WOM/00

Start Date: xxxx-07-20 14:28:10
 End Date: xxxx-07-21 14:52:30



Started 24 hour pressure buildup on xxxx-07-20 at 14:28:10. Initial pressure was at 7 kPa.

Finished 24 hour pressure buildup on xxxx-07-21 at 14:28:10. Final pressure was at 13 kPa.

CASE STUDY #3

Packer Isolation Test



PACKER ISOLATION TEST CASE #3
 Case 3: Casing pressure 0 kPa upon arrival

Company Golden Company Ltd.
 Field Name Black Gold
 Well Location 100/00-00-000-00 WOM/00
 Date xxxx-06-24

Pressure Truck Company _____
 Logger serial # & Filename P642
 H2S Content 0
 Pass or Fail Pass

Casing Pressure (kPa) = -2 Tubing Pressure (kPa) = -77 Well Type (see note A) = 1

Injected 340.0 litres of Diesel/Inhibited Water mixture pressuring annulus up to 1897 kPa.

Let well stabilize for 15.0 minutes. (minimum 15 minutes)

Started 15 minutes of pressure monitoring at 14:05:00 hrs:min:sec at 1870 kPa. (See Graph)

Finished 15 minutes of pressure monitoring at 14:20:00 hrs:min:sec at 1877 kPa.

Change in pressure was 7 kPa. (less than 3% in a pass)

Bled pressure to 0.0 kPa and recovered 45.0 litres of Diese & Inhibited water mixture.

Comments _____

Please Note: All class 1 & 2 wells must be pressure tested to 1400 kPa **EXCEPT** class 1A disposal wells which must be pressured up to 7000 kPa.

NOTE A Well Type		NOTE B Fluid Recovery Type		
1. WATER INJECTION/DISPOSAL (OPERATING)	4. H2S > 5% (SHUT-IN SUSPENDED)	1. GAS (SWEET)	4. WATER (FRESH)	8. OTHER (SPECIFY)
2. WATER INJECTION/DISPOSAL (SHUT-IN/SUSPENDED)	5. GAS INJECTION	2. GAS (SOUR)	5. WATER (SALT)	
3. H2S > 5% (PRODUCING)	6. OTHER (SPECIFY)	3. OIL	7. INHIBITED WATER	

Casing Pressure Plot
 Company: Golden Company Ltd.
 Field: PIT-Pressure Monitoring
 Surface Location: 00-00-000-00 WOM
 Downhole Location: 100/00-00-000-00 WOMW00

Start Date: xxxx-06-24 13:39:45
 End Date: xxxx-06-24 14:39:05

